

Listing of Claims:

1. (currently amended) A fabric switch comprising:
an inner cord (12) including at least two conductive cords(12a-12n)-releasably connected in linear series; and
a non-conductive cord(14) enclosing said inner cord(12),
wherein said non-conductive cord(14) is stretchable to release the contact between said at least two conductive cords(12a-12n) electrically, and
wherein said non-conductive cord is resilient to enable the contact between said at least two conductive cords to be resumed electrically.
2. (currently amended) The switch of Claim 1, wherein the material of said non-conductive cord(14)defines a moisture-resistant enclosure for said inner cord(12).
3. (currently amended) The switch of Claim 1, wherein said inner cord(12) and said non-conductive cord(14) are shaped in a loop form.
4. (currently amended) The switch of Claim 1, wherein said inner cord(12) is coupled to a fabric circuit integrated in a garment.
5. (currently amended) The switch of Claim 1, wherein said inner cord(12) serves as a coupling to an electronic device.

6. (currently amended) The switch of Claim 1, wherein said inner cord(12) serves as a coupling to a power source.

7. (currently amended) The switch of Claim 1, wherein said inner cord(12) engages and supports ancillary units to transmit electronic signals.

8. (currently amended) The switch of Claim 1, wherein said inner cord(12) is coupled to a fabric circuit integrated in furniture.

9. (currently amended) A fabric switch comprising:
a matrix of woven fibers(20), said woven fibers(20) being electrically non-conductive;
a pair of conductive fibers(22,24) interwoven in said woven fibers (20) so as to form an electrical circuit; and,
wherein said conductive fibers(22,24) come in contact electrically when said woven fibers(20) are in a relaxed mode and come apart in a stretch mode, and
wherein said non-conductive fibers are resilient to enable the contact between said at least two conductive fibers to be released and resumed repeatedly.

10. (currently amended) The switch of Claim 9, wherein said conductive fibers (22,24) are coupled to a fabric circuit integrated in a garment.

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11. (currently amended) The switch of Claim 9, wherein said conductive fibers (22,24) serve as a coupling to an electronic device.

12. (currently amended) The switch of Claim 9, wherein said conductive fibers (22,24) serve as a coupling to a power source.

13. (currently amended) The switch of Claim 9, wherein said conductive fibers (22,24) engage and support ancillary units to transmit electronic signals.

14. (currently amended) The switch of Claim 9, wherein said conductive fibers (22,24) are coupled to a fabric circuit integrated in furniture.

15. (currently amended) A method for permitting a person to activate a fabric switch, said method comprising the steps of:

providing an inner cord(12)—including at least two conductive cords(12a-12n) releasably connected in linear series and a non-conductive cord (14) enclosing said inner cord;

mounting both said inner cord (12) and said non-conductive cords 14) to a garment or furniture; and,

stretching said non-conductive cord (14) to release the contact between said at least two conductive cords(12a-12n), , and

releasing said non-conductive cord to enable contact between said at least two conductive cords to be resumed electrically.

16. (currently amended) The method of Claim 15, further comprising the step of protecting said inner cord(12) from ambient conditions by enclosing it in said non-conductive cord (14) having a moisture-resistant material.

17. (currently amended) A method for permitting a person to activate a switch, said method comprising the steps of:

providing a matrix of non-conductive woven fibers (20) and a pair of conductive fibers (22,24) interwoven in said woven fibers(20) so as to form an electrical circuit;

mounting both said woven fibers (20) and conductive fibers(22,24) to a garment or furniture; and,

selectively stretching said woven fibers (20) so that said conductive fibers (22,24) come in contact electrically when said woven fibers (20) are in a relaxed mode and come apart in a stretch mode.

18. (currently amended) A fabric switch comprising:

at least two conductive fibers operatively associated with at least one non-conductive fiber so as to form an electrical circuit, wherein the conductive fibers connect when the at least one non-conductive fiber is in a first mode and disconnect when such fiber is in a second mode, and wherein the switch operates freely between the first and the second mode.